

Report Information

Award Type	Award Number	Prime DUNS	Calendar Yr/Qtr	Final Report
Grant	DE-77-0001-00	809856008	2011 / 3	No

Award Recipient Information

Recipient DUNS Number	809856008	Recipient Address 1	800 BAY RD
Recipient Account Number	30-531-01	Recipient Address 2	
Recipient Congressional District	00	Recipient City	DOVER
Parent DUNS Number	042258020	Recipient State	DE
Recipient Type	2F.VW	Recipient ZIP Code + 4	199014667
Recipient Legal Name	TRANSPORTATION, DELAWARE DEPARTMENT OF	Recipient Country	USA
Recipient DBA Name	DELDOT		

Project / Award Information

Funding Agency Code	6955	Total Number of Sub Awards less than \$25,000/award	0
Awarding Agency Code	6955	Total Amount Sub Awards less than \$25,000/award	0.00
Program Source (TAS) Code	69-1101	Total Number of Sub Awards to Individuals	0
Sub Account Number for Program Source		Total Amount of Sub Awards to Individuals	0.00
CFDA Number	20.523	Total Number of Payments to Vendors less than \$25,000/award	0
Amount of Award	1500000.00	Total Amount of Payments to Vendors less than \$25,000/award	0.00
Award Date	03/15/2010		
Award Description	The project focuses on retrofitting Delaware Transit Corporation facilities with solar panels, which generate costs savings through fossil fuel energy reductions. The solar panels are comprised of photovoltaic cells, comprised of ultra-thin layers of silicone. When sunlight strikes the surface of the cell, an electrical field is created resulting in a flow of electricity. Once installed, solar energy is captured by the photovoltaic modules, then converted from direct current (DC) power to alternating current (AC) power, and finally used to power lighting, computers, air conditioning, and other electric loads in the building. The environmental benefits of integrating solar energy within the facilities are: Annual reduction of approximately		

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367,000 pounds in carbon dioxide (CO2); The annual equivalent of removing approximately 31 automobiles from our highways; The annual equivalent of 1,236 acres of trees. The investment in solar energy will return dividends based on the reduction in annual building usage of kilowatt hours of purchased electricity. The return on investment of the reduction in energy consumption will be approximately \$91,222 per year with a full payback on the system in 15 years.

Project Information

Project Name or Project/ Program Title	Solar Panel Installations	Activity Codes (NAICS or NTEE-NPC) (up to 10)
Quarterly Activities/ Project Description	The grant focuses on retrofitting Delaware Transit Corporation facilities with solar panels, which generate costs savings through fossil fuel energy reductions. The environmental benefits of integrating solar energy within the facilities are annual reduction of approximately 367,000 pounds in carbon dioxide (CO2). The investment in solar energy will return dividends based on the reduction in annual building usage of kilowatt hours of purchased electricity. This project has been awarded, and construction is underway.	Activity Code 1 485113 Activity Code 2 Activity Code 3 Activity Code 4 Activity Code 5 Activity Code 6 Activity Code 7 Activity Code 8 Activity Code 9 Activity Code 10
Project Status	Less than 50% completed	
Total Federal Amount ARRA Funds Received/ Invoiced	752970.00	
Number of Jobs	0.00	
Description of Jobs Created	This grant is anticipated to fund jobs to produce the solar panels, and to install the solar panels on the buildings. Indirect jobs are anticipated in providing transportation for the solar panels from production to the site of installation.	

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Total Federal Amount of ARRA Expenditure	752970.00
Total Federal ARRA Infrastructure Expenditure	0.00
Infrastructure Purpose and Rationale	

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Infrastructure Contact

Name	Brett Taylor, Director, Public Relations	Street Address 1	800 Bay Road
Email	dotpr@state.de.us	Street Address 2	
Phone	(302) 760-2080	Street Address 3	
Ext		City	Dover
		State	DE
		ZIP Code + 4	19901 - 4667

Primary Place of Performance

Address 1 800 Bay Road
Address 2
City Dover
Country Code US
State DE
ZIP Code + 4 19901 - 4667
Congressional District 00

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name	
Officer 1 Name		Officer 3 Compensation	
Officer 1 Compensation		Officer 4 Name	
Officer 2 Name		Officer 4 Compensation	
Officer 2 Compensation		Officer 5 Name	
		Officer 5 Compensation	

Report Audit Trail

Created By James Hoagland
Date Created 10/14/2011 10:47 AM
Last Updated By James Hoagland
Last Updated On 10/28/2011 02:33 PM

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Vendor Information

Sub Award Number	Payment Amount	752970.00
Vendor DUNS Number	Product and Service Description	Prime contractor
Vendor Name	Ray Angelini, Inc	
Vendor HQ ZIP Code + 4	08080 - 0000	

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